



MIR-9000

Multi-Gas Infrared GFC Analyser



“The MIR-9000 is a proven Continuous Emissions Monitoring system across a wide range of industries.”

The MIR-9000 utilises Infrared Gas Filter Correlation technology to offer multiple gas measurements of NO, NO₂, SO₂, CO, even HCl and HF.

With over 1500 installations worldwide, the MIR-9000 is a proven Continuous Emissions Monitoring system across a wide range of industries.

Assists In Achieving IED Compliance

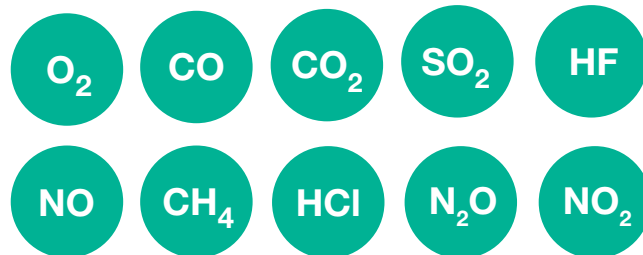
Designed to operate under the Industrial emissions directive, the MIR-9000 offers maximum availability and complete compliance with QAL 1 of EN14181 & EN15267-3.

Leading Edge Technology

The MIR-9000 would be rack mounted in air conditioned enclosures. Complete systems would normally comprise of;

- Sample extraction and conditioning probe (with integrated temperature, pressure and flow measurement)
- Sample lines
- Automatic calibration units
- Instrument air drying system
- CDAS Data Acquisition Software

Gases analysed



KEY BENEFITS

- Simultaneously measure 1-10 gases continuously
- Automatic cross reference correction
- Interactive menu-driven software allowing ease of operation
- Available in 19" Rack or Tight box version
- Measures dry & corrosive samples
- MCERT & TÜV Certified

Technical Specification

GENERAL

- Utilises Infrared Gas Filter Correlation technology
- IED compliant
- Fast and simultaneous measurements for multiple gases
- Multi-component measurement capabilities

APPLICATIONS

- Municipal and Hazardous Waste Incinerators
- Cogeneration, Gas Turbines
- Industrial Boilers and Furnaces
- Power & Combustion

PHYSICAL

- Dimensions: Version with CLD (tight box):
200 x 600 x 600 mm (DxWxH)
- Weight: 32 Kg

PERFORMANCE

- Operating temperature: +5°C to +40°C
- Power supply: 80 - 230V, 50-60 Hz
- Consumption: 300 VA
- Serial link: RS232, RS 422

CERTIFIED RANGES

- SO₂ 0 to 75 mg/m³
- CO 0 to 75 mg/m³
- CO₂ 0 to 25 % vol
- HCl 0 to 15 mg/m³
- NO 0 to 100 mg/m³
- N₂O 0 to 20 mg/m³
- O₂ 0 to 10 % vol
- CH₄ 0 to 10 mg/m³

SPAN & DRIFT

- Repeatability: <2% of Full Scale (F.S.)
- Zero drift: <2% F.S. / 30 days
- Span drift: < 1% F.S. / 7 days
- Linearity: < 1% F.S.

COMPLIANCE

- MCERTs certified to EN15267-3
- QAL1 as defined by EN14181
- QAL3 compliance to EN14181

- Expert consultancy
- Project management
- In-house project design & build
- Installation & commissioning
- After product service & support

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